

Product datasheet

Normal Goat Serum ab7481

★★★★★ [2 Abreviews](#) [296 References](#) [2 Images](#)

Overview

Product name	Normal Goat Serum
Host species	Goat
Tested applications	Suitable for: Blocking, IHC-Fr, ICC/IF, IHC-P
General notes	<p>Normal goat serum ab7481 is used extensively for the blocking of non-specific antibody binding in tissue and cell staining, and in other applications of antibodies.</p> <p>The goat serum blocks the binding of Fc receptors in the sample to the primary and secondary antibodies used in the experiment, and also blocks non-specific binding of the antibodies to the sample.</p> <p>Typically the serum used for blocking is from a different species than the species in which the primary antibody was raised. Often the blocking serum is from the species in which the secondary antibody was raised.</p> <p>Serum can be used directly for blocking, or as a constituent of a blocking buffer.</p> <p>Strain: Mixed breed and sex.</p> <p>Raised in: Goat</p> <p>Purity: Whole antiserum</p> <p>This product is for research use only and not intended for diagnostic or therapeutic use of any kind.</p>

Properties

Form	Liquid
Storage instructions	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituent: Whole serum
Reagent notes	Strain: Mixed breed and sex.

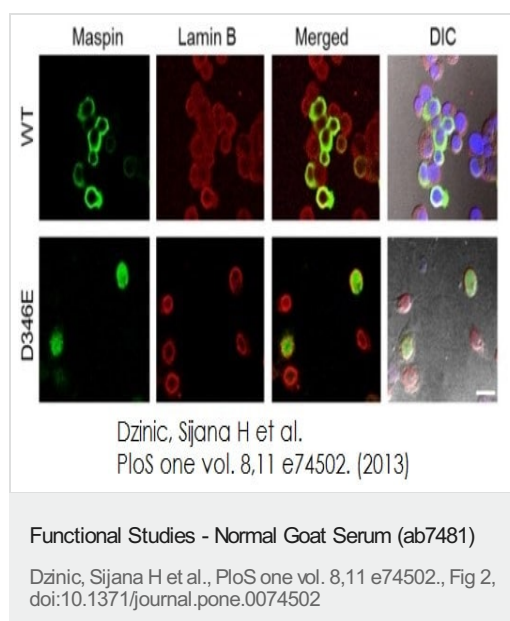
Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab7481 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

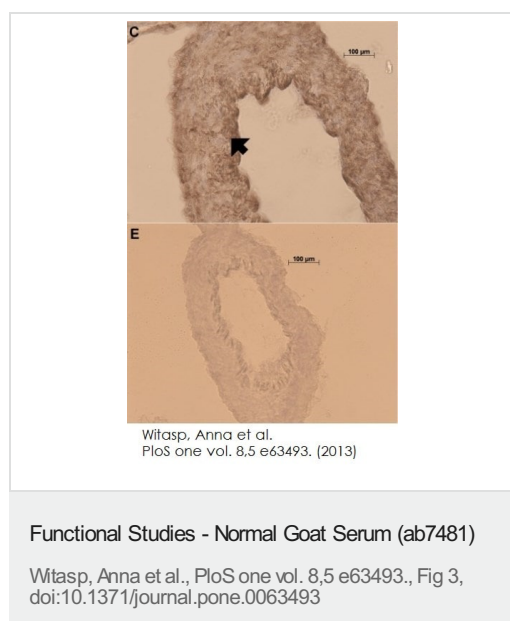
Application	Abreviews	Notes
Blocking		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent dilution.
IHC-P		Use at an assay dependent dilution.

Images



Cells grown in 8-well chamber slides to 70% confluence were fixed with 4% paraformaldehyde (15 min at room temperature (RT)), and permeabilized with 100% ice cold methanol (10 min at 20°C). The slides were incubated with 10% normal goat serum (ab7481) in PBS for 1 hr, and incubated with anti-maspin (1:100) antibody alone or in a combination with either anti-lamin B (1:50), anti-HDAC1 (1:50) or anti-GRP78 (1:50) at 4°C overnight. Cells were washed and incubated for 2 hrs at room temperature (RT) with Alexa Fluor 488 (1:500) alone or in combination with Alexa Fluor 594 (1:500). The nuclei were counterstained with DAPI.

DU145 cells infected with adenovirus expressing either maspinWT or maspinD346E Confocal immunofluorescence imaging of maspin (green) and nuclear envelope marker lamin B (red) in DU145 cells after infection.



Slides were pretreated with Hydrogen Peroxide Block followed by 15% normal goat serum (Abcam, Cambridge, UK) for 1 hour. The primary antibody, anti-PTX3, N-terminal antibody produced in rabbit was diluted 1:300 in PBS with 2.5% goat serum (ab7481), applied to slides and incubated for 3 hours at 4°C. The primary antibody was omitted in the negative controls. The PTX3 binding was revealed using a universal secondary antibody polymer formulation conjugated to horseradish peroxidase (HRP). The HRP activity was subsequently visualized with diaminobenzidine (DAB) substrate/chromogen and counterstaining with hematoxylin was performed.

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